## **ESTABLISHMENT DATA**

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>

[2002=100]

Parcent   Name			lı lı	ndex of	aggreg	gate we	ekly hours <sup>2</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
Mining and logging	Industry	1					change from: Aug.2015 -		July 2015	Aug. 2015 <sup>p</sup>		change from: Aug.2015 -
Mining and logging	Total private		109.2	111.2	111.3	111.0	-0.3	150.9	156.2	156.8	156.4	-0.3
Construction.	Goods-producing		88.5	88.6	88.5	87.8	-0.8	117.5	119.1	119.3	118.0	-1.1
Manufacturing	Mining and logging		166.7	148.5	144.8	141.6	-2.2	262.9	228.7	224.1	221.4	-1.2
Durable goods	Construction	23	92.9	94.6	95.0	93.3	-1.8	124.2	128.3	129.2	125.7	-2.7
Mood products.	Manufacturing		83.0	83.4	83.2	82.8	-0.5	106.5	108.8	108.9	108.6	-0.3
Nommetallic mineral products. 327	Durable goods		85.1	85.0	84.8	84.3	-0.6	110.0	111.5	111.5	110.6	-0.8
Primary metals.	Wood products	321	70.7	69.7	69.4	68.7	-1.0	90.0	91.8	91.9	91.2	-0.8
Fabricated metal products	Nonmetallic mineral products	327	74.7	74.5	75.7	75.3	-0.5	93.6	96.7	98.0	98.6	0.6
Machinery         333         97.4         93.8         93.6         93.1         -0.5         129.1         125.6         26.2         24.4         -1.4           Computer and electronic products         334         81.4         82.8         83.0         82.6         -0.5         117.0         119.7         119.7         119.7         10.6         -1.8           Transportation equipment         336         87.8         89.3         89.7         89.6         -0.1         106.4         108.4         109.2         105.5         -0.6           Motor vehicles and parts**         3361.2,3         77.7         80.6         81.2         80.1         -0.1         106.4         108.4         109.2         10.5         -0.6           Furniture and related products         337         62.6         61.6         85.2         85.5         84.8         -0.8         116.6         117.3         17.1         11.0         -0.1         78.8         82.3         82.2         82.1         11.0         0.0         -0.6         60.0         10.2         76.9         78.7         79.7         79.6         -0.1           Miscollaneous durable goods manufacturing         311         98.8         10.7         10.5	Primary metals	331	83.0	82.1	82.0	80.7	-1.6	105.3	103.5	103.8	102.7	-1.1
Computer and electronic products.   334   81.4   82.8   83.0   82.6   -0.5   117.0   119.7   119.7   119.3   -0.3	Fabricated metal products	332	98.2	98.0	96.2	95.4	-0.8	125.6	127.5	125.6	124.3	-1.0
Electrical equipment and appliances.   335   72.2   75.0   75.5   73.7   -2.4   94.5   10.5   102.4   10.6   -1.8     Transportation equipment   336   336   336   337   36.6   81.3   80.7   80.5   80.2   80.1   -0.1   106.4   108.4   109.2   108.5   -0.6     Motor vehicles and parts'   3361.2,3   77.7   80.5   80.2   80.1   -0.1   78.8   82.3   82.2   81.4   -1.0     Furniture and related products.   337   86.6   85.2   85.5   84.8   -0.8   116.6   17.3   17.1   116.0   -0.9     Nondurable goods manufacturing.   311   93.8   80.7   80.8   80.4   -0.5   100.3   104.0   104.1   104.6   0.5     Food manufacturing.   311   31.3   38.6   39.2   38.6   38.5   -0.3   46.6   49.5   48.8   48.9   0.6   115.7     Textilie mills   313   38.6   39.2   38.6   38.5   -0.3   46.6   49.5   48.8   48.9   0.6     Textile product mills   314   50.8   50.4   50.7   49.8   -1.8   63.0   62.0   62.0   63.0   6	Machinery	333	97.4	93.8	93.6	93.1	-0.5	129.1	125.6	126.2	124.4	-1.4
Transportation equipment. 336	Computer and electronic products	334	81.4	82.8	83.0	82.6	-0.5	117.0	119.7	119.7	119.3	-0.3
Transportation equipment. 336	·		I	75.0	75.5	73.7	-2.4	94.5	101.5	102.4	100.6	-1.8
Motor vehicles and parts   3361,2,3   77.7   80.5   80.2   80.1   -0.1   78.8   82.3   82.2   81.4   -1.0   Furniture and related products.   337   62.6   61.6   61.9   62.0   0.2   76.9   78.7   79.7   79.6   -0.1     78.8   82.3   82.2   81.4   -1.0   78.8   80.5		336	1	89.3	89.7	89.6	-0.1	106.4	108.4		108.5	-0.6
Furniture and related products. 337 62.6 61.6 61.9 62.0 0.2 76.9 78.7 79.7 79.6 0.1 Miscellaneous durable goods manufacturing. 339 86.6 85.2 85.5 84.8 0.8 116.6 117.3 117.1 116.0 0.9 Nondurable goods. 331 99.8 101.7 101.5 102.2 0.7 124.2 128.6 128.7 130.6 1.5 Textile millis. 313 38.6 39.2 88.6 85.0 4 50.7 124.2 128.6 128.7 130.6 1.5 Textile millis. 313 38.6 39.2 88.6 85.0 4 50.7 124.2 128.6 128.7 130.6 1.5 Textile millis. 315 37.6 88.4 88.4 88.2 0.5 56.2 57.5 57.4 57.1 0.5 Paper and paper products. 315 37.6 88.4 38.4 38.2 0.5 562 57.5 57.4 57.1 0.5 Paper and paper products. 322 63.8 64.7 65.0 64.7 0.5 77.0 80.2 80.0 79.8 0.6 Printing and related support activities. 323 63.8 64.7 65.0 64.7 0.5 77.0 80.2 80.0 79.8 0.3 Petroleum and coal products. 324 97.6 100.4 99.9 100.2 0.3 149.5 163.7 164.1 169.1 3.0 Chemicals. 325 95.5 95.7 96.2 95.8 96.7 96.2 95.8 0.4 11.0 117.6 116.6 116.7 0.1 Plastics and rubber products. 326 82.7 83.8 84.5 83.6 0.1 1 10.3 105.4 105.6 0.2 Miscellaneous nondurable goods manufacturing. 312.6 95.8 96.7 95.8 95.2 0.6 111.1 111.1 115.9 113.7 113.7 0.0 Private service-providing. 115.0 117.2 117.3 117.4 0.1 161.5 167.3 168.1 168.3 0.1 Trade, transportation, and utilities. 42 107.3 107.9 107.8 107.6 0.2 147.1 150.1 150.6 149.9 0.5 Transportation and warehousing. 22 96.0 80.0 80.0 80.0 80.4 97.7 0.7 131.2 139.5 140.0 139.0 0.5 Financial activities. 120.0 12			1				· ·					
Miscellaneous durable goods manufacturing.   339   86.6   85.2   85.5   84.8   -0.8   116.6   117.3   117.1   116.0   -0.9	•		1				· ·					
Food manufacturing.	•		1									
Food manufacturing.	Nondurable goods		79.8	80.7	80.8	80.4	-0.5	100.3	104.0	104.1	104.6	0.5
Textile mills         313         38.6         39.2         38.6         38.5         -0.3         46.6         49.5         48.6         48.9         0.6           Textile product mills         314         50.8         50.4         50.7         49.8         -1.8         63.0         62.0         63.0         63.0         0.0           Apparel         315         37.6         38.4         38.2         -0.5         56.2         57.5         57.4         57.1         -0.5           Paper and paper products         322         67.9         66.0         65.8         65.0         -1.2         81.8         84.8         85.0         85.5         0.6           Printing and related support activities         323         63.8         64.7         65.0         64.7         -0.5         77.0         80.2         80.0         79.8         -0.3           Petroleum and coal products         324         97.6         100.4         99.9         100.2         0.3         149.5         163.7         164.1         169.1         30.0           Chemicals         326         82.7         83.8         84.5         83.6         -1.1         101.4         11.5         116.7         116.7		1	I						1			
Textile product mills         314         50.8         50.4         50.7         49.8         -1.8         63.0         62.0         63.0         63.0         0.0           Apparel.         315         37.6         38.4         38.4         38.2         -0.5         56.2         57.5         57.4         57.1         -0.5           Paper and paper products         322         67.9         66.0         65.8         65.0         -1.2         81.8         84.8         85.0         85.5         0.6           Printing and related support activities         323         63.8         64.7         65.0         64.7         -0.5         77.0         80.2         80.0         79.8         -0.3           Petroleum and coal products         324         97.6         100.4         99.9         100.2         0.3         149.5         163.7         164.1         169.1         3.0           Chemicals         325         95.5         96.7         96.2         95.8         96.7         96.8         95.2         96.8         111.0         117.0         117.0         117.0         117.0         117.1         117.1         117.1         117.1         117.1         117.1         117.1         117.1	· ·		1									
Apparel			1									
Paper and paper products		Ī .	1									
Printing and related support activities.       323       63.8       64.7       65.0       64.7       -0.5       77.0       80.2       80.0       79.8       -0.3         Petroleum and coal products.       324       97.6       100.4       99.9       100.2       0.3       149.5       163.7       164.1       169.1       3.0         Chemicals.       325       95.5       96.7       96.2       95.8       -0.4       111.0       117.6       116.6       116.7       0.1         Plastics and rubber products.       326       82.7       83.8       84.5       95.2       -0.6       111.1       115.9       113.7       10.1       0.2         Miscellaneous nondurable goods manufacturing.       312.6       95.8       96.7       95.8       95.2       -0.6       111.1       115.9       113.7       10.0         Private service-providing.       115.0       117.2       117.3       117.4       0.1       161.5       167.3       168.1       168.3       0.1         Trade, transportation, and utilities.       42       107.3       107.9       107.8       107.6       -0.2       147.1       150.1       150.6       149.9       -0.5         Retail trade.       99.8<	• •		I									
Petroleum and coal products.       324       97.6       100.4       99.9       100.2       0.3       149.5       163.7       164.1       169.1       3.0         Chemicals.       325       95.5       96.7       96.2       95.8       -0.4       114.0       117.6       116.6       116.7       0.1         Plastics and rubber products.       326       82.7       83.8       84.5       83.6       -1.1       101.4       103.3       105.4       105.6       0.2         Miscellaneous nondurable goods manufacturing.       312,6       95.8       96.7       95.8       95.2       -0.6       111.1       115.9       113.7       0.0         Private service-providing.       115.0       117.2       117.3       117.4       0.1       161.5       167.3       168.1       168.3       0.1         Trade, transportation, and utilities.       42       107.3       107.9       107.8       107.6       -0.2       147.1       150.1       150.6       149.9       -0.5         Retail trade.       99.8       101.3       101.3       101.4       0.1       123.7       128.6       129.2       128.6       129.2       129.8       0.5         Transportation and warehousing. </td <td></td> <td></td> <td>I</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			I									
Chemicals         325         95.5         96.7         96.2         95.8         -0.4         114.0         117.6         116.6         116.7         0.1           Plastics and rubber products         326         82.7         83.8         84.5         83.6         -1.1         101.4         103.3         105.4         105.6         0.2           Miscellaneous nondurable goods manufacturing         312,6         95.8         96.7         95.8         95.2         -0.6         111.1         115.9         113.7         113.7         0.0           Private service-providing         115.0         117.2         117.3         117.4         0.1         161.5         168.1         168.3         0.1           Trade, transportation, and utilities         42         107.3         107.9         107.8         107.6         -0.2         147.1         150.1         149.9         -0.5           Retail trade         42         107.3         107.9         107.8         107.6         -0.2         147.1         150.1         150.6         149.9         -0.5           Retail trade         99.8         101.3         101.3         101.4         0.1         123.7         128.6         129.2         129.8         0.5	• • • • • • • • • • • • • • • • • • • •		1									
Plastics and rubber products.       326       82.7       83.8       84.5       95.2       -0.6       111.1       101.4       103.3       105.4       105.6       0.2         Miscellaneous nondurable goods manufacturing.       312,6       95.8       96.7       95.8       95.2       -0.6       111.1       115.9       113.7       113.7       0.0         Private service-providing.       115.0       117.2       117.3       117.4       0.1       161.5       167.3       168.1       168.3       0.1         Trade, transportation, and utilities.       42       107.3       107.9       107.8       107.6       -0.2       147.1       150.1       150.6       149.9       -0.5         Retail trade.       99.8       101.3       101.3       101.4       0.1       123.7       128.6       129.2       129.8       0.5         Transportation and warehousing.       116.6       120.6       120.8       121.1       0.2       152.4       158.5       158.6       0.1         Utilities.       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information.       51       91.4       92	·		1						1			
Miscellaneous nondurable goods manufacturing.       312,6       95.8       96.7       95.8       95.2       -0.6       111.1       115.9       113.7       10.0         Private service-providing.       115.0       117.2       117.3       117.4       0.1       161.5       167.3       168.1       168.3       0.1         Trade, transportation, and utilities.       104.6       106.2       106.3       106.3       0.0       136.8       141.4       141.8       141.9       0.1         Wholesale trade.       42       107.3       107.9       107.8       107.6       -0.2       147.1       150.1       150.6       149.9       -0.5         Retail trade.       99.8       101.3       101.3       101.4       0.1       123.7       128.6       129.2       129.8       0.5         Transportation and warehousing.       116.6       120.6       120.8       121.1       0.2       152.4       158.5       158.6       0.1         Utilities.       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information.       51       91.4       92.5       92.5       92.3       -0.2			I									
Private service-providing.       115.0       117.2       117.3       117.4       0.1       161.5       167.3       168.1       168.3       0.1         Trade, transportation, and utilities.       104.6       106.2       106.3       106.3       0.0       136.8       141.4       141.8       141.9       0.1         Wholesale trade.       42       107.3       107.9       107.8       107.6       -0.2       147.1       150.1       150.6       149.9       -0.5         Retail trade.       99.8       101.3       101.4       0.1       123.7       128.6       129.2       129.8       0.5         Transportation and warehousing.       116.6       120.6       120.8       121.1       0.2       152.4       158.5       158.6       0.1         Utilities.       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information.       51       91.4       92.5       92.5       92.3       -0.2       129.2       132.5       132.9       132.2       -0.5         Financial activities.       106.9       109.9       109.9       110.0       0.1       163.5       171.5	•		1					1				
Trade, transportation, and utilities.       104.6       106.2       106.3       106.3       0.0       136.8       141.4       141.8       141.9       0.1         Wholesale trade.       42       107.3       107.9       107.8       107.6       -0.2       147.1       150.1       150.6       149.9       -0.5         Retail trade.       99.8       101.3       101.4       0.1       123.7       128.6       129.2       129.8       0.5         Transportation and warehousing.       116.6       120.6       120.8       121.1       0.2       152.4       158.5       158.6       0.1         Utilities.       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information.       51       91.4       92.5       92.5       92.3       -0.2       129.2       132.5       132.9       132.2       -0.5         Financial activities.       106.9       109.9       109.9       110.0       0.1       163.5       171.5       172.1       172.6       0.3         Professional and business services.       127.0       128.9       129.4       128.4       -0.8       183.9       189	•											0.1
Retail trade       99.8       101.3       101.4       0.1       123.7       128.6       129.2       129.8       0.5         Transportation and warehousing.       116.6       120.6       120.8       121.1       0.2       152.4       158.5       158.6       0.1         Utilities       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information       51       91.4       92.5       92.5       92.3       -0.2       129.2       132.5       132.9       132.2       -0.5         Financial activities       106.9       109.9       109.9       110.0       0.1       163.5       171.5       172.1       172.6       0.3         Professional and business services.       127.0       128.9       129.4       128.4       -0.8       183.9       189.9       191.2       190.1       -0.6         Education and health services.       129.5       132.8       133.1       133.2       0.1       185.5       193.4       194.4       0.1         Leisure and hospitality.       120.0       123.0       122.7       122.9       0.2       166.4       173.0       173.3			104.6	106.2	106.3	106.3	0.0	136.8	141.4	141.8	141.9	0.1
Transportation and warehousing.       116.6       120.6       120.8       121.1       0.2       152.4       158.5       158.6       0.1         Utilities.       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information.       51       91.4       92.5       92.5       92.3       -0.2       129.2       132.5       132.9       132.2       -0.5         Financial activities.       106.9       109.9       109.9       110.0       0.1       163.5       171.5       172.1       172.6       0.3         Professional and business services.       127.0       128.9       129.4       128.4       -0.8       183.9       189.9       191.2       190.1       -0.6         Education and health services.       129.5       132.8       133.1       133.2       0.1       185.5       193.4       194.4       0.1         Leisure and hospitality.       120.0       123.0       122.7       122.9       0.2       166.4       173.0       173.3       173.7       0.2	Wholesale trade	42	107.3	107.9	107.8	107.6	-0.2	147.1	150.1	150.6	149.9	-0.5
Utilities.       22       96.0       98.0       98.4       97.7       -0.7       131.2       139.5       140.0       139.0       -0.7         Information.       51       91.4       92.5       92.5       92.3       -0.2       129.2       132.5       132.9       132.2       -0.5         Financial activities.       106.9       109.9       109.9       110.0       0.1       163.5       171.5       172.1       172.6       0.3         Professional and business services.       127.0       128.9       129.4       128.4       -0.8       183.9       189.9       191.2       190.1       -0.6         Education and health services.       129.5       132.8       133.1       133.2       0.1       185.5       193.4       194.4       0.1         Leisure and hospitality.       120.0       123.0       122.7       122.9       0.2       166.4       173.0       173.3       173.7       0.2	Retail trade		99.8	101.3	101.3	101.4	0.1	123.7	128.6	129.2	129.8	0.5
Information.       51       91.4       92.5       92.5       92.3       -0.2       129.2       132.5       132.9       132.2       -0.5         Financial activities.       106.9       109.9       110.0       0.1       163.5       171.5       172.1       172.6       0.3         Professional and business services.       127.0       128.9       129.4       128.4       -0.8       183.9       189.9       191.2       190.1       -0.6         Education and health services.       129.5       132.8       133.1       133.2       0.1       185.5       193.4       194.4       0.1         Leisure and hospitality.       120.0       123.0       122.7       122.9       0.2       166.4       173.0       173.3       173.7       0.2	Transportation and warehousing		116.6	120.6	120.8	121.1	0.2	152.4	158.5	158.5	158.6	0.1
Financial activities	Utilities	22	96.0	98.0	98.4	97.7	-0.7	131.2	139.5	140.0	139.0	-0.7
Professional and business services.       127.0       128.9       129.4       128.4       -0.8       183.9       189.9       191.2       190.1       -0.6         Education and health services.       129.5       132.8       133.1       133.2       0.1       185.5       193.4       194.3       194.4       0.1         Leisure and hospitality.       120.0       123.0       122.7       122.9       0.2       166.4       173.0       173.3       173.7       0.2	Information	51	91.4	92.5	92.5	92.3	-0.2	129.2	132.5	132.9	132.2	-0.5
Education and health services. 129.5   132.8   133.1   133.2   0.1   185.5   193.4   194.3   194.4   0.1   120.0   123.0   122.7   122.9   0.2   166.4   173.0   173.3   173.7   0.2	Financial activities		106.9	109.9	109.9	110.0	0.1	163.5	171.5	172.1	172.6	0.3
Leisure and hospitality	Professional and business services		127.0	128.9	129.4	128.4	-0.8	183.9	189.9	191.2	190.1	-0.6
	Education and health services.		129.5	132.8	133.1	133.2	0.1	185.5	193.4	194.3	194.4	0.1
Other services	Leisure and hospitality		120.0	123.0	122.7	122.9	0.2	166.4	173.0	173.3	173.7	0.2
	Other services	81	100.0	101.0	101.0	100.4	-0.6	135.4	139.1	139.6	139.1	-0.4

<sup>&</sup>lt;sup>1</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries. These groups account for approximately four-fifths of the total employment on private nonfarm payrolls.

<sup>&</sup>lt;sup>2</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding 2002 annual average aggregate hours. Aggregate hours estimates are the product of estimates of average weekly hours and employment.

<sup>&</sup>lt;sup>3</sup> The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding 2002 annual average aggregate weekly payrolls. Aggregate payrolls estimates are the product of estimates of average hourly earnings, average weekly hours, and employment.

<sup>&</sup>lt;sup>4</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

p Preliminary